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# LIST

## OF THE FELLOWS AND FOREIGN HONORARY MEMBERS.

### FELLOWS.—192.

(Number limited to two hundred.)

#### CLASS I.—*Mathematical and Physical Sciences.*—60.

##### SECTION I.—7.

###### *Mathematics.*

|                    |            |
|--------------------|------------|
| W. E. Byerly,      | Cambridge. |
| Benjamin A. Gould, | Cambridge. |
| Gustavus Hay,      | Boston.    |
| Benjamin Peirce,   | Cambridge. |
| James M. Peirce,   | Cambridge. |
| John D. Runkle,    | Boston.    |
| Edwin P. Seaver,   | Boston.    |

##### SECTION II.—10.

###### *Practical Astronomy and Geodesy.*

|                        |                |
|------------------------|----------------|
| J. Ingersoll Bowditch, | Boston.        |
| Alvan Clark,           | Cambridgeport. |
| George Clark,          | Cambridgeport. |
| Henry Mitchell,        | Roxbury.       |
| Robert Treat Paine,    | Boston.        |
| E. C. Pickering,       | Cambridge.     |
| William A. Rogers,     | Cambridge.     |
| Arthur Searle,         | Cambridge.     |
| L. Trouvelot,          | Cambridge.     |
| Henry L. Whiting,      | Boston.        |

##### SECTION III.—28.

###### *Physics and Chemistry.*

|                       |               |
|-----------------------|---------------|
| John Bacon,           | Boston.       |
| A. Graham Bell,       | Boston.       |
| John H. Blake,        | Boston.       |
| Thos. Edwards Clark,  | Williamstown. |
| W. J. Clark,          | Amherst.      |
| Josiah P. Cooke, Jr., | Cambridge.    |
| James M. Crafts,      | Boston.       |
| Charles R. Cross,     | Boston.       |
| William P. Dexter,    | Roxbury.      |
| Amos E. Dolbear,      | Medford.      |

|                     |                |
|---------------------|----------------|
| Charles W. Eliot,   | Cambridge.     |
| Moses G. Farmer,    | Newport.       |
| Wolcott Gibbs,      | Boston.        |
| Augustus A. Hayes,  | Brookline.     |
| Henry B. Hill,      | Cambridge.     |
| Eben N. Horsford,   | Cambridge.     |
| T. Sterry Hunt,     | Boston.        |
| Charles L. Jackson, | Cambridge.     |
| Joseph Lovering,    | Cambridge.     |
| William R. Nichols, | Boston.        |
| John M. Ordway,     | Boston.        |
| Robert H. Richards, | Boston.        |
| Edward S. Ritchie,  | Boston.        |
| S. P. Sharples,     | Cambridge.     |
| Frank H. Storer,    | Jamaica Plain. |
| John Trowbridge,    | Cambridge.     |
| Cyrus M. Warren,    | Brookline.     |
| Charles H. Wing,    | Boston.        |

##### SECTION IV.—15.

###### *Technology and Engineering.*

|                     |                |
|---------------------|----------------|
| G. R. Baldwin,      | Woburn.        |
| John M. Batchelder, | Cambridge.     |
| C. O. Boutelle,     | Washington.    |
| Henry L. Eustis,    | Cambridge.     |
| James B. Francis,   | Lowell.        |
| John B. Henck,      | Boston.        |
| E. D. Leavitt, Jr., | Cambridgeport. |
| William R. Lee,     | Roxbury.       |
| Hiram F. Mills,     | Lawrence.      |
| Alfred P. Rockwell, | Boston.        |
| Stephen P. Ruggles, | Boston.        |
| Charles S. Storow,  | Boston.        |
| William R. Ware,    | Boston.        |
| William Watson,     | Boston.        |
| Morrill Wyman,      | Cambridge.     |

CLASS II. — *Natural and Physiological Sciences.* — 67.

## SECTION I. — 9.

*Geology, Mineralogy, and Physics of the Globe.*

|                      |            |
|----------------------|------------|
| Thomas T. Bouvé,     | Boston.    |
| William T. Brigham,  | Boston.    |
| Algernon Coolidge,   | Boston.    |
| John L. Hayes,       | Cambridge. |
| Charles T. Jackson,  | Boston.    |
| Jules Marcou,        | Cambridge. |
| William B. Rogers,   | Boston.    |
| Nathaniel S. Shaler, | Cambridge. |
| Charles U. Shepard,  | Amherst.   |

## SECTION II. — 11.

*Botany.*

|                    |            |
|--------------------|------------|
| George B. Emerson, | Boston.    |
| William G. Farlow, | Boston.    |
| George L. Goodale, | Cambridge. |
| Asa Gray,          | Cambridge. |
| H. H. Hunnewell,   | Wellesley. |
| Thomas P. James,   | Cambridge. |
| John A. Lowell,    | Boston.    |
| C. S. Sargent,     | Brookline. |
| Chas. J. Sprague,  | Boston.    |
| Edward Tuckerman,  | Amherst.   |
| Sereno Watson,     | Cambridge. |

## SECTION III. — 24.

*Zoölogy and Physiology.*

|                      |               |
|----------------------|---------------|
| Alex. E. R. Agassiz, | Cambridge.    |
| J. A. Allen,         | Cambridge.    |
| Robert Amory,        | Brookline.    |
| Nath. E. Atwood,     | Provincetown. |
| James M. Barnard,    | Boston.       |
| Henry P. Bowditch,   | Boston.       |
| Thomas M. Brewer,    | Boston.       |
| Edward Burgess,      | Boston.       |
| Samuel Cabot,        | Boston.       |

|                      |            |
|----------------------|------------|
| John Dean,           | Waltham.   |
| Hermann A. Hagen,    | Cambridge. |
| C. E. Hamlin,        | Cambridge. |
| Alpheus Hyatt,       | Cambridge. |
| Wm. James,           | Cambridge. |
| Samuel Kneeland,     | Boston.    |
| Theodore Lyman,      | Boston.    |
| Edward S. Morse,     | Salem.     |
| L. F. Pourtales,     | Cambridge. |
| Frederic W. Putnam,  | Cambridge. |
| James J. Putnam,     | Boston.    |
| Samuel H. Scudder,   | Cambridge. |
| D. Humphreys Storer, | Boston.    |
| Henry Wheatland,     | Salem.     |
| James C. White,      | Boston.    |

## SECTION IV. — 23.

*Medicine and Surgery.*

|                      |             |
|----------------------|-------------|
| Samuel L. Abbot,     | Boston.     |
| Henry J. Bigelow,    | Boston.     |
| Henry I. Bowditch,   | Boston.     |
| Benjamin E. Cotting, | Roxbury.    |
| F. W. Draper,        | Boston.     |
| Thomas Dwight,       | Boston.     |
| Robert T. Edes,      | Roxbury.    |
| Calvin Ellis,        | Boston.     |
| C. F. Folsom,        | Boston.     |
| Richard M. Hodges,   | Boston.     |
| Oliver W. Holmes,    | Boston.     |
| R. W. Hooper,        | Boston.     |
| Alfred Hosmer,       | Watertown.  |
| Edward Jarvis,       | Dorchester. |
| Francis Minot,       | Boston.     |
| Edward Reynolds,     | Boston.     |
| J. P. Reynolds,      | Boston.     |
| George C. Shattuck,  | Boston.     |
| Horatio R. Storer,   | Boston.     |
| J. Baxter Upham,     | Boston.     |
| Charles E. Ware,     | Boston.     |
| John C. Warren,      | Boston.     |
| Henry W. Williams,   | Boston.     |

CLASS III.—*Moral and Political Sciences.*—65.

## SECTION I.—17.

*Philosophy and Jurisprudence.*

|                       |               |
|-----------------------|---------------|
| J. B. Ames,           | Cambridge.    |
| C. S. Bradley,        | Cambridge.    |
| Phillips Brooks,      | Boston.       |
| James F. Clarke,      | Jamaica Pl.   |
| Richard H. Dana, Jr., | Boston.       |
| C. C. Everett,        | Cambridge.    |
| John Fiske,           | Cambridge.    |
| Horace Gray,          | Boston.       |
| J. C. Gray, Jr.,      | Boston.       |
| L. P. Hicock,         | Northampton.  |
| O. W. Holmes, Jr.,    | Boston.       |
| Mark Hopkins,         | Williamstown. |
| C. C. Langdell,       | Cambridge.    |
| John Lowell,          | Boston.       |
| Henry W. Paine,       | Cambridge.    |
| Theophilus Parsons,   | Cambridge.    |
| J. B. Thayer,         | Cambridge.    |

## SECTION II.—15.

*Philology and Archæology.*

|                      |            |
|----------------------|------------|
| Ezra Abbot,          | Cambridge. |
| W. S. Appleton,      | Boston.    |
| William P. Atkinson, | Boston.    |
| H. G. Denny,         | Boston.    |
| Epes S. Dixwell,     | Cambridge. |
| William Everett,     | Cambridge. |
| William W. Goodwin,  | Cambridge. |
| Ephraim W. Gurney,   | Cambridge. |
| Bennett H. Nash,     | Boston.    |
| Chandler Robbins,    | Boston.    |
| John L. Sibley,      | Cambridge. |
| E. A. Sophocles,     | Cambridge. |
| John W. White,       | Cambridge. |
| Justin Winsor,       | Cambridge. |
| Edward J. Young,     | Cambridge. |

## SECTION III.—18.

*Political Economy and History.*

|                      |            |
|----------------------|------------|
| Chas. F. Adams, Jr., | Quincy.    |
| Henry Adams,         | Boston.    |
| Edward Atkinson,     | Boston.    |
| Erastus B. Bigelow,  | Boston.    |
| Charles Deane,       | Cambridge. |
| Charles F. Dunbar,   | Cambridge. |
| Samuel Eliot,        | Boston.    |
| George E. Ellis,     | Boston.    |
| E. L. Godkin,        | Cambridge. |
| William Gray,        | Boston.    |
| Edward Everett Hale, | Boston.    |
| H. C. Lodge,         | Boston.    |
| Francis Parkman,     | Brookline. |
| A. P. Peabody,       | Cambridge. |
| J. S. Ropes,         | Boston.    |
| Nathaniel Thayer,    | Boston.    |
| Henry W. Torrey,     | Cambridge. |
| Robert C. Winthrop,  | Boston.    |

## SECTION IV.—15.

*Literature and the Fine Arts.*

|                       |            |
|-----------------------|------------|
| Charles F. Adams,     | Boston.    |
| William T. Andrews,   | Boston.    |
| George S. Boutwell,   | Groton.    |
| J. Elliot Cabot,      | Brookline. |
| Francis J. Child,     | Cambridge. |
| Ralph Waldo Emerson,  | Concord.   |
| John C. Gray,         | Cambridge. |
| Henry W. Longfellow,  | Cambridge. |
| Charles G. Loring,    | Boston.    |
| James Russell Lowell, | Cambridge. |
| Charles Eliot Norton, | Cambridge. |
| Thomas W. Parsons,    | Wayland.   |
| Charles C. Perkins,   | Boston.    |
| H. H. Richardson,     | Brookline. |
| John G. Whittier,     | Amesbury.  |

## ASSOCIATE FELLOWS. — 96.

(Number limited to one hundred.)

CLASS I. — *Mathematical and Physical Sciences.* — 38.

## SECTION I. — 8.

*Mathematics.*

Charles Avery, Clinton, N.Y.  
 E. B. Elliott, Washington, D.C.  
 William Ferrel, Washington, D.C.  
 Thomas Hill, Portland, Me.  
 Simon Newcomb, Washington, D.C.  
 H. A. Newton, New Haven, Conn.  
 James E. Oliver, Ithaca, N.Y.  
 T. H. Safford, Williamstown, Mass.

## SECTION II. — 12.

*Practical Astronomy and Geodesy.*

S. Alexander, Princeton, N.J.  
 W. H. C. Bartlett, West Point, N.Y.  
 J. H. C. Coffin, Washington, D.C.  
 Wm. H. Emory, Washington, D.C.  
 Asaph Hall, Washington, D.C.  
 J. E. Hilgard, Washington, D.C.  
 George W. Hill, Nyack, N.Y.  
 Elias Loomis, New Haven, Conn.  
 Maria Mitchell, Poughkeepsie, N.Y.  
 C. H. F. Peters, Clinton, N.Y.  
 George M. Searle, New York.  
 Chas. A. Young, Princeton, N.J.

## SECTION III. — 11.

*Physics and Chemistry.*

F. A. P. Barnard, New York.  
 John W. Draper, New York.  
 S. W. Johnson, New Haven, Conn.  
 John Le Conte, San Francisco, Cal.  
 A. M. Mayer, Hoboken, N.J.  
 W. A. Norton, New Haven, Conn.  
 Ogden N. Rood, New York.  
 H. A. Rowland, Baltimore.  
 L. M. Rutherford, New York.  
 Benj. Silliman, New Haven, Conn.  
 J. L. Smith, Louisville, Ky.

## SECTION IV. — 7.

*Technology and Engineering.*

Henry L. Abbot, New York.  
 R. Delafield, Washington, D.C.  
 A. A. Humphreys, Washington, D.C.  
 John Rodgers, Washington, D.C.  
 Wm. Sellers, Philadelphia.  
 George Talcott, Albany, N.Y.  
 W. P. Trowbridge, New Haven, Conn.

CLASS II. — *Natural and Physiological Sciences.* — 27.

## SECTION I. — 14.

*Geology, Mineralogy, and Physics of the Globe.*

George J. Brush, New Haven, Conn.  
 James D. Dana, New Haven, Conn.  
 J. W. Dawson, Montreal, Canada.  
 Edward Desor, Neuchâtel, Switz.  
 J. C. Fremont, New York.

F. A. Genth, Philadelphia.  
 Arnold Guyot, Princeton, N.J.  
 James Hall, Albany, N.Y.  
 F. S. Holmes, Charleston, S.C.  
 Joseph Leconte, San Francisco.  
 J. Peter Lesley, Philadelphia.  
 R. Pumpelly, Owego, N.Y.  
 Wm. T. Roepper, Bethlehem, Pa.  
 Geo. C. Swallow, Columbia, Mo.

## SECTION II. — 3.

*Botany.*

A. W. Chapman, Apalachicola, Fla.  
 G. Engelmann, St. Louis, Mo.  
 Leo Lesquereux, Columbus, Ohio.

## SECTION III. — 8.

*Zoölogy and Physiology.*

S. F. Baird, Washington, D.C.  
 C. E. Brown-Séquard, London.  
 J. C. Dalton, New York.

J. L. LeConte, Philadelphia.  
 Joseph Leidy, Philadelphia.  
 O. C. Marsh, New Haven, Conn.  
 S. Weir Mitchell, Philadelphia.  
 St. Julien Ravenel, Charleston, S.C.

## SECTION IV. — 2.

*Medicine and Surgery.*

W. A. Hammond, New York.  
 Isaac Hays, Philadelphia.

CLASS III. — *Moral and Political Sciences.* — 31.

## SECTION I. — 8.

*Philosophy and Jurisprudence.*

D. R. Goodwin, Philadelphia.  
 R. G. Hazard, Peacedale, R.I.  
 Nathaniel Holmes, St. Louis, Mo.  
 James McCosh, Princeton.  
 Charles S. Peirce, New York.  
 Noah Porter, New Haven, Conn.  
 Isaac Ray, Philadelphia.  
 Jeremiah Smith, Dover, N.H.

## SECTION II. — 11.

*Philology and Archæology.*

A. N. Arnold, Hamilton, N.Y.  
 D. C. Gilman, Baltimore.  
 S. S. Haldeman, Columbia, Pa.  
 A. C. Kendrick, Rochester, N.Y.  
 Geo. P. Marsh, Rome.  
 L. H. Morgan, Rochester, N.Y.  
 A. S. Packard, Brunswick, Me.  
 E. E. Salisbury, New Haven, Conn.

A. D. White, Ithaca, N.Y.  
 W. D. Whitney, New Haven, Conn.  
 T. D. Woolsey, New Haven, Conn.

## SECTION III. — 8.

*Political Economy and History.*

S. G. Arnold, Newport, R.I.  
 Geo. Bancroft, Washington.  
 S. G. Brown, Clinton, N.Y.  
 Henry C. Carey, Philadelphia.  
 J. L. Diman, Providence, R.I.  
 Henry C. Lea, Philadelphia.  
 Barnas Sears, Scranton, Va.  
 J. H. Trumbull, Hartford.

## SECTION IV. — 4.

*Literature and the Fine Arts.*

James B. Angell, Ann Arbor, Mich.  
 F. E. Church, New York.  
 R. S. Greenough, Florence.  
 Wm. W. Story, Rome

## FOREIGN HONORARY MEMBERS.—72.

(Appointed as vacancies occur.)

CLASS I.—*Mathematical and Physical Sciences.*—25.

## SECTION I.—7.

*Mathematics.*

|                     |            |
|---------------------|------------|
| John C. Adams,      | Cambridge. |
| Sir George B. Airy, | Greenwich. |
| Brioschi,           | Milan.     |
| Arthur Cayley,      | Cambridge. |
| Chasles,            | Paris.     |
| Liouville,          | Paris.     |
| J. J. Sylvester,    | Baltimore. |

## SECTION II.—5.

*Practical Astronomy and Geodesy.*

|                   |          |
|-------------------|----------|
| Döllén,           | Pulkowa. |
| H. A. E. A. Faye, | Paris.   |
| Peters,           | Altona.  |
| Otto Struve,      | Pulkowa. |
| Emile Plantamour, | Geneva.  |

## SECTION III.—10.

*Physics and Chemistry.*

|                  |             |
|------------------|-------------|
| R. Bunsen,       | Heidelberg. |
| E. Chevreul,     | Paris.      |
| J. Dumas,        | Paris.      |
| H. Helmholtz,    | Berlin.     |
| A. W. Hofmann,   | Berlin.     |
| G. Kirchhoff,    | Berlin.     |
| J. C. Maxwell,   | Cambridge.  |
| Balfour Stewart, | Manchester. |
| G. G. Stokes,    | Cambridge.  |
| F. Wöhler,       | Göttingen.  |

## SECTION IV.—2.

*Technology and Engineering.*

|                   |          |
|-------------------|----------|
| R. Clausius,      | Bonn.    |
| F. M. de Lesseps, | Paris.   |
| Sir Wm. Thomson,  | Glasgow. |

CLASS II.—*Natural and Physiological Sciences.*—25.

## SECTION I.—7.

*Geology, Mineralogy, and Physics of the Globe.*

|                       |             |
|-----------------------|-------------|
| Barrande,             | Prague.     |
| Charles Darwin,       | Beckenham.  |
| James Prescott Joule, | Manchester. |
| W. H. Miller,         | Cambridge.  |
| C. F. Rammelsberg,    | Berlin.     |
| A. C. Ramsay,         | London.     |
| Sir Edward Sabine,    | London.     |

## SECTION II.—7.

*Botany.*

|                       |         |
|-----------------------|---------|
| J. G. Agardh,         | Lund.   |
| George Bentham,       | London. |
| Decaisne,             | Paris.  |
| Alphonse de Candolle, | Geneva. |
| Oswald Heer,          | Zurich. |
| Joseph Dalton Hooker, | London. |
| Nägeli,               | Munich. |

## SECTION III. — 8.

*Zoölogy and Physiology.*

|                     |           |
|---------------------|-----------|
| T. L. W. Bischoff,  | Munich.   |
| Milne-Edwards,      | Paris.    |
| Albrecht Kölliker,  | Würzburg. |
| Rudolph Leuckart,   | Leipzig.  |
| Richard Owen,       | London.   |
| C. Th. Von Siebold, | Munich.   |

|                      |            |
|----------------------|------------|
| J. J. S. Steenstrup, | Copenhagen |
| Valentin,            | Berne.     |

## SECTION IV. — 3.

*Medicine and Surgery.*

|                  |          |
|------------------|----------|
| Sir James Paget, | London.  |
| Virchow,         | Berlin.  |
| F. C. Donders,   | Utrecht. |

CLASS III. — *Moral and Political Sciences.* — 22.

## SECTION I. — 3.

*Philosophy and Jurisprudence.*

|                         |             |
|-------------------------|-------------|
| T. C. Bluntschli,       | Heidelberg. |
| Sir Henry Sumner Maine, | London.     |
| James Martineau,        | London.     |

## SECTION II. — 6.

*Philology and Archæology.*

|                      |            |
|----------------------|------------|
| Pascual de Gayangos, | Madrid.    |
| Benjamin Jowett,     | Oxford.    |
| Lepsius,             | Berlin.    |
| Max Müller,          | Oxford.    |
| H. A. J. Munro,      | Cambridge. |
| Sir H. C. Rawlinson, | London.    |

## SECTION III. — 9.

*Political Economy and History.*

|                     |         |
|---------------------|---------|
| Thomas Carlyle,     | London. |
| Ernst Curtius,      | Berlin. |
| W. Ewart Gladstone, | London. |
| Charles Merivale,   | Oxford. |
| F. A. A. Mignet,    | Paris.  |
| Mommsen,            | Berlin. |
| Mark Pattison,      | Oxford. |
| Von Ranke,          | Berlin. |
| A. P. Stanley,      | London. |

## SECTION IV. — 4.

*Literature and the Fine Arts.*

|                  |                |
|------------------|----------------|
| Gérôme,          | Paris.         |
| John Ruskin,     | Coniston.      |
| Alfred Tennyson, | Isle of Wight. |
| Viollet-Le-Duc,  | Paris.         |